

Came up next meeting

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

337 Federal Building
Salt Lake City, Utah
December 5, 1936



Mr. T. H. Humpherys, Secretary
Utah Water Storage Commission
Capitol Building
Salt Lake City, Utah

Dear Mr. Humpherys:

Following up our telephone conversation regarding the work being done by this office in revising the water supply studies for the Gooseberry Reservoir, you are advised that this work is now largely completed. Pending the submission of a brief supplemental report on the Gooseberry Division, the information requested by you will be briefly explained.

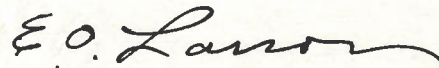
The water supply on which the yield of the Gooseberry Reservoir was based in my 1933 report on the Sanpete Project is explained on pages 13 to 35 of Volume I. In that report reservoir operations are based on a capacity of 15,000 acre feet and an estimated annual yield of 9400 acre feet, which yield in turn was based on unrestricted diversions from the head of Price River and on the basis that in years when these unrestricted diversions would take water from the Scofield Reservoir, resulting decreases in the yield from this latter reservoir would be made up from holdover storage which would in turn necessitate improvement work on the Scofield dam. The revised water supply studies are based on the same assumption, but due to the extremely dry years since 1931, the estimated reservoir yield from the Gooseberry Reservoir is reduced to 7500-8000 acre feet, under which yields there would be rather severe water shortages in such dry years as 1931 and 1934. In connection with the revised annual yield, it is desired to point out that in addition to the unrestricted diversions from Price River it is assumed that there are no feasible reservoir sites on Huntington Creek of appreciable size for development prior to the Gooseberry Reservoir.

In connection with the cost of the Gooseberry Reservoir, the total cost of the division in the 1933 report is estimated at \$764,200. It is not considered necessary to make any further estimates

in the revised report which is intended to simply cover the bringing of the water supply studies up to date to include the recent years of low runoff. By using the total estimated cost of \$764,200 and an annual yield of 7500 to 8000 acre feet, you will note that the unit cost for storage water is increased to about \$100.00 per acre foot, which cost, of course, is exclusive of the cost of providing additional holdover capacity in the Scofield Reservoir, and also exclusive of any cost for water rights on Price River should such costs be involved.

As stated in our telephone conversation, this information is being given for your reference as to the recent investigations concerning the Gooseberry Project pending the submission of the supplemental report.

Very truly yours,



E. O. Larson
Engineer

In duplicate - Chief Engineer